

AMENDMENT(S) TO THE CLAIMS

1. (currently amended) A fiber optic cable, said fiber optic cable comprising:

a cable core having at least one optical fiber;

a ripcord, the ripcord being an electrically conductive material operative, upon application of a sufficient pulling force, to rip at least one cable component for facilitating access to said at least one optical fiber, said ripcord having a surface roughness formed thereon, thereby enhancing its ripping characteristics.

2. (cancelled)

3. (original) The fiber optic cable of claim 1, said ripcord having an excess length.

4. (original) The fiber optic cable of claim 1, said ripcord being generally stranded around a longitudinal axis of said fiber optic cable.

5. (original) The fiber optic cable of claim 1, said ripcord including a coating thereon.

6. (original) The fiber optic cable of claim 1, said ripcord having a diameter of at least about 0.012 inches.

7. (original) The fiber optic cable of claim 1, said ripcord being disposed generally adjacent to at least one strength element.

8. (original) The fiber optic cable of claim 1, said ripcord being selected from one of the group of copper, steel, aluminum,

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and copper-cladded steel.

9. (original) The fiber optic cable of claim 1, said ripcord having a portion thereof embedded within a buffer tube.

10. (original) The fiber optic cable of claim 1, said ripcord being removably attached to at least one cable component.

11. (original) The fiber optic cable of claim 1, said ripcord having a tensile strength being in the range of about 20 ksi to about 230 ksi.

12. (original) A fiber optic cable, said fiber optic cable comprising:

a cable core having at least one optical fiber;  
a ripcord, the ripcord having a portion being an electrically semi-conductive material having a resistivity being in the range of about 150 micro-ohms per centimeter to about 3000 micro-ohms per centimeter, the ripcord being operative, upon application of a sufficient pulling force, to rip at least one cable component for facilitating access to said at least one optical fiber.

13. (original) The fiber optic cable of claim 12, said ripcord having an excess length.

14. (original) The fiber optic cable of claim 12, said ripcord being generally stranded around a longitudinal axis of said fiber optic cable.

15. (original) The fiber optic cable of claim 12, said ripcord including a coating thereon.

16. (original) The fiber optic cable of claim 12, said ripcord having a diameter of at least about 0.012 inches.

17. (original) The fiber optic cable of claim 12, said ripcord being disposed generally adjacent to at least one strength element.

18. (original) The fiber optic cable of claim 12, said ripcord being a carbon fiber.

19. (original) The fiber optic cable of claim 12, said ripcord having a portion thereof embedded within a buffer tube.

20. (original) The fiber optic cable of claim 12, said ripcord being removably attached to at least one cable component.

21. (original) The fiber optic cable of claim 12, said ripcord further comprising a composite material.

22. (cancelled)

23. (currently amended) A fiber optic cable, said fiber optic cable comprising:

a cable core having at least one optical fiber, the cable core having at least one switchback portion;

a ripcord, the ripcord having an excess length with respect to an associated portion of the fiber optic cable and being operative, said excess length being proximate to the at least one switchback portion of the cable core, upon application of a sufficient pulling force, to rip at least one cable component for facilitating access to said at least one optical fiber.

24. (original) The fiber optic cable of claim 23, said ripcord

being a conductive material.

25. (original) The fiber optic cable of claim 23, said ripcord being selected from one of the group of copper, steel, aluminum, and copper-cladded steel.

26. (original) The fiber optic cable of claim 23, said ripcord being a dielectric material.

27. (original) The fiber optic cable of claim 23, said ripcord being a portion of a semi-conductive material.

28. (original) The fiber optic cable of claim 23, said ripcord including a coating thereon.

29. (original) The fiber optic cable of claim 23, said ripcord having a portion thereof embedded within a cable component.

30. (original) The fiber optic cable of claim 23, said ripcord having a portion thereof attached to a cable component.

31. (cancelled)

32. (new) The fiber optic cable of claim 1, the surface roughness being selected from the group of serrated, knurled, and notched.